EXPERIENCE

2008-Now   Software Engineer, Jiangsu Lemote Technology Co.,Ltd, Changshu, Suzhou, Jiangsu Province

Lemote Technology is a corporation of designing and manufacturing Loongson based computers. It also provides some education solutions, such as e-bag(Electronic Schoolbag).

My department - Software Department is responsible for:

• BSP - Porting firmware/kernel to a new board.

• Developing/Maintaining our Linux distributions.

• Publishing our works to partners and/or the community.

• Providing technology support for other departments.

Main works I participated in are as follows:

• Building/Maintaining internal/external developing network.

• Developing/Maintaining our Linux distributions.

  • "CoCreate Linux for Loongson desktop" which is deployed in 150,000 Loongson computers in schools of Jiangsu Province. Participating in developing the recover system, system optimizing/bug hunting.

  • Leading the development of loonux3, including recover system, optimizing/bug hunting, exploiting hardware features.

• Participating in other kernel level works.

• Leading the development of a GStreamer based wireless broadcast solution, which is used in our e-bag app.

• Leading the development of a USB port usage(under Windows) central control/monitor system as Project Manager.

EDUCATION

9/2004-7/2008   Bachelor degree in Computer Science, Nanjing University of Aeronautics and Astronautics, Nanjing, Jiangsu Province

SKILLS

Programming Language: Assembly, C/C++, bash, python, etc

Linux developing experience: GNU tools, glib/gobject, Linux kernel, etc

System view of Linux Operating System

REFERENCE INFORMATION

Some open source works:

- Kernel - "improve csum computing on mips" - http://patchwork.linux-mips.org/patch/6988/

- Kernel - "debug mips fpu do_ade assertion errors" - http://patchwork.linux-mips.org/patch/7298/

- Kernel-DRI - "debug screen corruption on Loongson platform" - http://lists.x.org/archives/xorg-driver-ati/2011-August/020897.html

- Kernel-ALSA - "add a HDA codec support for Loongson notebooks" - https://lkml.org/lkml/2012/8/17/107

- GStreamer - "androidmedia: add support for video encoding" - https://bugzilla.gnome.org/show_bug.cgi?id=705129

- Systemd - "loop_read/write fixup" - http://lists.freedesktop.org/archives/systemd-devel/2013-September/013138.html

- Systemd - "add fsck feedback to plymouth" - http://lists.freedesktop.org/archives/systemd-devel/2011-June/002654.html

- Oprofile - "add support for Loongson 2F(userspace support), another co-worker pushed the kernel side patch" - http://sourceforge.net/p/oprofile/mailman/message/23808337/

Patents:

- [Publication] "A readahead method for rotate hard disks", APPL No. 2011104200037

- [Substantive examination] "Sync address book through social network", APPL No. 201210147650X

- [Wait for substantive examination] "A FEC/Encryption-friendly network transport method", APPL No.2013104084459

- [Wait for substantive examination] "A synchronized video broadcast method", APPL No. 2013104123754

- [Wait for substantive examination] "An optimized memcpy implementation", APPL No. 2013104082595

- [Wait for substantive examination] "An IM-style, interactive method for smart devices", APPL No. 2013104120050

Others:

- Personal web page - http://cee1.github.com
- github - https://github.com/cee1